

Notice of Allowability

Application No.

10/815,019

Examiner

John Chavis

Applicant(s)

GERBER ET AL.

Art Unit

2193

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to papers filed 12/5/07.
2. ☒ The allowed claim(s) is/are 1,5-8,12-15,18-21, and 30-33.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

/John Chavis/
Primary Examiner AU-2193

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Tim Sullivan on 2/20/09.

2. The application has been amended as follows:

1. (Currently Amended) A computer-[readable] storage medium having computer-executable components, comprising:

a test case scenario object configured to coordinate a test of a particular software object by specifying test methods to be included in the test;

a test runtime object including a plurality of attributes and a test extraction engine configured to extract an ordered list of the test methods based on the attributes to control application of the test methods without modifying the test methods, wherein;

the test extraction engine is configured to select and arrange the test methods in a hierarchy that comprises a base class and subclasses, wherein each of the subclasses derives from the base class; and

inheritance is selectively applied to the test methods according to the attributes to determine if the test methods in each of the subclasses inherit from the base class; and

a test harness that is arranged to provide system test services to support the application of the ordered list of the test methods in the test of the particular software object.

5. (Currently Amended) The computer-[readable] storage medium of Claim [4] 1, wherein the test extraction engine is configured to use a comparison function that is defined within the attributes to modify the order of the test methods according to the attributes.

6. (Currently Amended) The computer-[readable] storage medium of Claim 1, wherein the base class test methods comprise a setup method and a teardown method.

7. (Currently Amended) The computer-[readable] storage medium of Claim 6, wherein the subclass test methods comprise a setup method and a teardown method.

12. (Currently Amended) The method of Claim [11] 8, further comprising using a comparison function that is defined within the attributes to order the extracted test methods.

15. (Currently Amended) A computer-[readable] storage medium having computer-executable components describing a test automation system, comprising:

- a test case scenario object that describes test methods arranged to test an electronic system, wherein the test methods that are arranged in a hierarchy that comprises a base class and subclasses, wherein each of the subclasses derives from the base class;

- a test runtime object configured to:

- extract the test methods described by the test case scenario object; and
 - selectively apply a principle of inheritance to each of .the test method to determine whether the subclasses will inherit from the base class from which the subclasses are derived in accordance with the arrangement of the methods within the hierarchy; and a test harness that is arranged to provide the test methods.

18. (Currently Amended) The computer-[readable] storage medium of Claim 15, further comprising a test extraction engine that is configured to order the test methods.

19. (Currently Amended) The computer-[readable] storage medium of Claim 18, wherein the test extraction engine is configured to use a comparison function that is defined within the attributes to order the test methods.

20. (Currently Amended) The computer-[readable] storage medium of Claim 15, wherein the base class test methods comprise a setup method and a teardown method.

21. (Currently Amended) The computer-[readable] storage medium of Claim 15, wherein the subclass test methods comprise a setup method and a teardown method.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Chavis whose telephone number is (571) 272-3720. The examiner can normally be reached on M-F, 9:00am-5:30pm, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lewis Bullock can be reached on (571) 272-3759. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/John Chavis/
Primary Examiner, Art Unit 2193